

APR 21 2004

PTO/SB/87 (08-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application Number: 09/553,166

Filing Date: Apr 19, 2000

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MS1-442US

Confirmation No. 3996

1. Certificate of Transmission
2. Fee Transmittal
3. Response to Office Action Dated 3/22/2004 (2 pages)

TOTAL NUMBER OF PAGES TRANSMITTED: 4

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$) 0.00

Complete if Known

Application Number	09/553,166
Filing Date	Apr 19, 2000
First Named Inventor	Jiang
Examiner Name	OPSASNICK, MICHAEL N
Art Unit	2655
Attorney Docket No.	MS1-442US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
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☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below	Fee Paid
Independent	Multiple Dependent	-20** =	-3** =		
				X	
				X	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	80	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Name (Print/Type)	Allan T. Sponseller	Registration No. (Attorney/Agent)	38,318	Telephone (509) 324-9256
Signature		Date	4/21/04	

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APR 21 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No.09/553,166
 Filing Date April 19, 2000
 Inventor Hao Jiang et al.
 Group Art Unit 2655
 Examiner Opsasnick, Michael N.
 Attorney's Docket No. MS1-442US
 Confirmation No. 3996
 Title: Improved Audio Segmentation and Classification

RESPONSE TO OFFICE ACTION DATED MARCH 22, 2004

To: Commissioner for Patents,
 PO Box 1450
 Alexandria, Virginia 22313-1450

From: Allan T. Sponseller (Tel. 509-324-9256 x215; Fax 509-323-8979)
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REMARKS

Applicant respectfully requests reconsideration and allowance of the subject application. Claims 1-50 are pending in this application.

The claims are subjected to a restriction requirement under 35 U.S.C. §121 as containing two distinct inventions:

- I. Claims 1-8, 25-30, and 41-50, drawn to using frequency information in vector quantization of signals, classified in class 704, subclass 222.
- II. Claims 9-24 and 31-40, drawn to using noise ratios to determined a type of signal, classified in class 704, subclass 226.